



Department of Commerce

Safety & Buildings Division

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Evaluation #

200308-G Revised

(Incomplete Electronic Copy, Contact Dept.)

## Wisconsin Building Products Evaluation

Material

FireMaster® FastWrap®+  
Commercial Kitchen Grease & Air Ventilation  
Duct Enclosure Systems

Manufacturer

Thermal Ceramics, Inc.  
2102 Old Savannah Road  
Augusta, GA 30906

### SCOPE OF EVALUATION

**GENERAL:** This report evaluates the use of FireMaster® FastWrap®+ fire protection system (a proprietary blanket insulation material), applied directly over a duct system serving a Type I kitchen hood and HVAC ducts. FireMaster® FastWrap®+ fire protection system is manufactured by Thermal Ceramics, Inc.

This review includes the cited **International Building Code (IBC)** requirements below in accordance with the current **Wisconsin Amended IBC Code:**

#### **Fire Resistance Rated Construction:**

- **Duct System:** the FireMaster FastWrap+ fire protection system was evaluated in accordance with the general requirements of **s. IBC 707** and may be used in lieu of a rated shaft.
- **Prescriptive Fire Resistance Assemblies:** the FireMaster FastWrap+ fire protection system was evaluated in accordance with the general requirements of **s. IBC 719.1, Table 719.1(2) and Table 719.1(3).**

This review includes the cited **International Mechanical Code (IMC)** requirements below in accordance with the current **Wisconsin Amended IMC Code:**

- **Duct Enclosure:** the FireMaster FastWrap+ fire protection system was evaluated in accordance with **s. IMC 506.3.11.**
- **Commercial Kitchen Hoods:** the FireMaster FastWrap+ fire protection system was evaluated in accordance with the general requirements of **s. IMC 507.**
- **Plenums:** the FireMaster FastWrap+ fire protection system was evaluated in accordance with the general requirements of **s. IMC 602.1.**
- **Materials Exposed within Plenums:** the FireMaster FastWrap+ fire protection system was evaluated in accordance with the requirements of **s. IMC 602.2.1.**